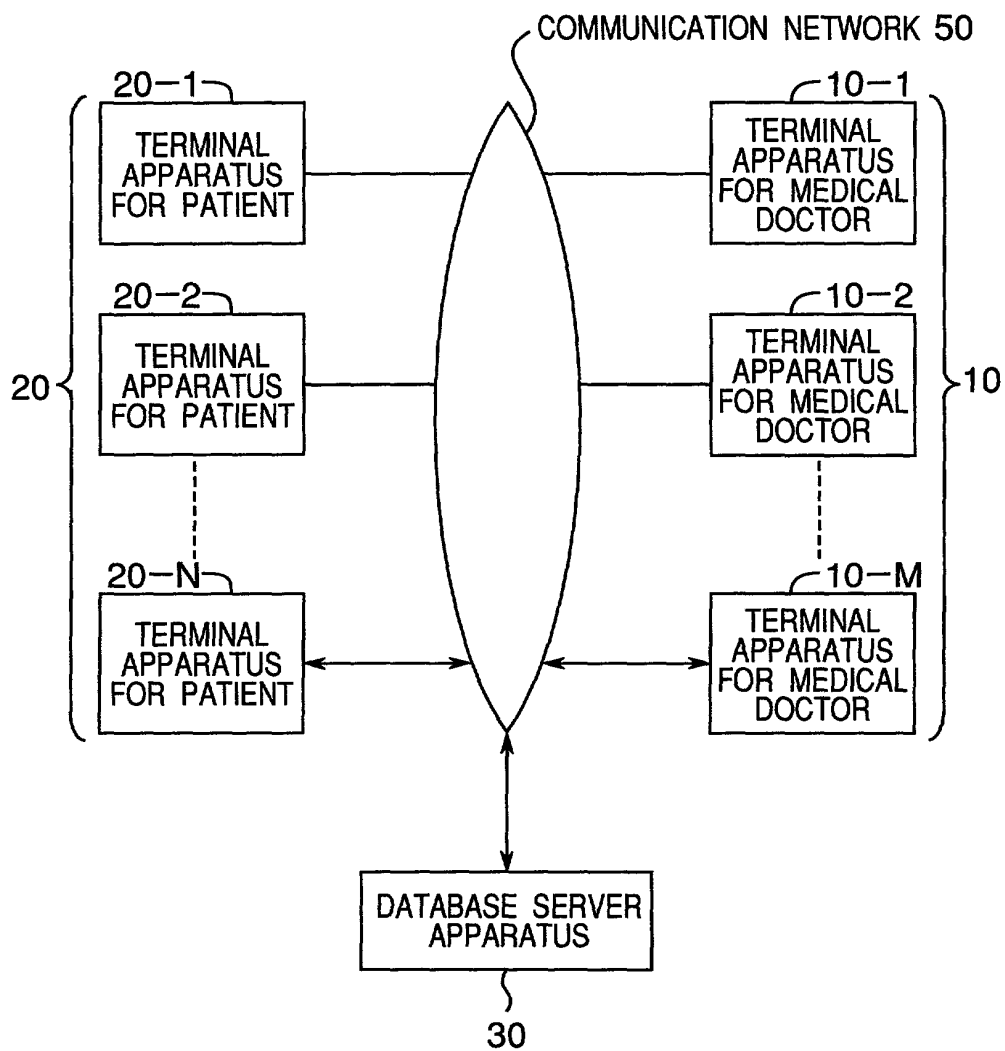


Fig. 1

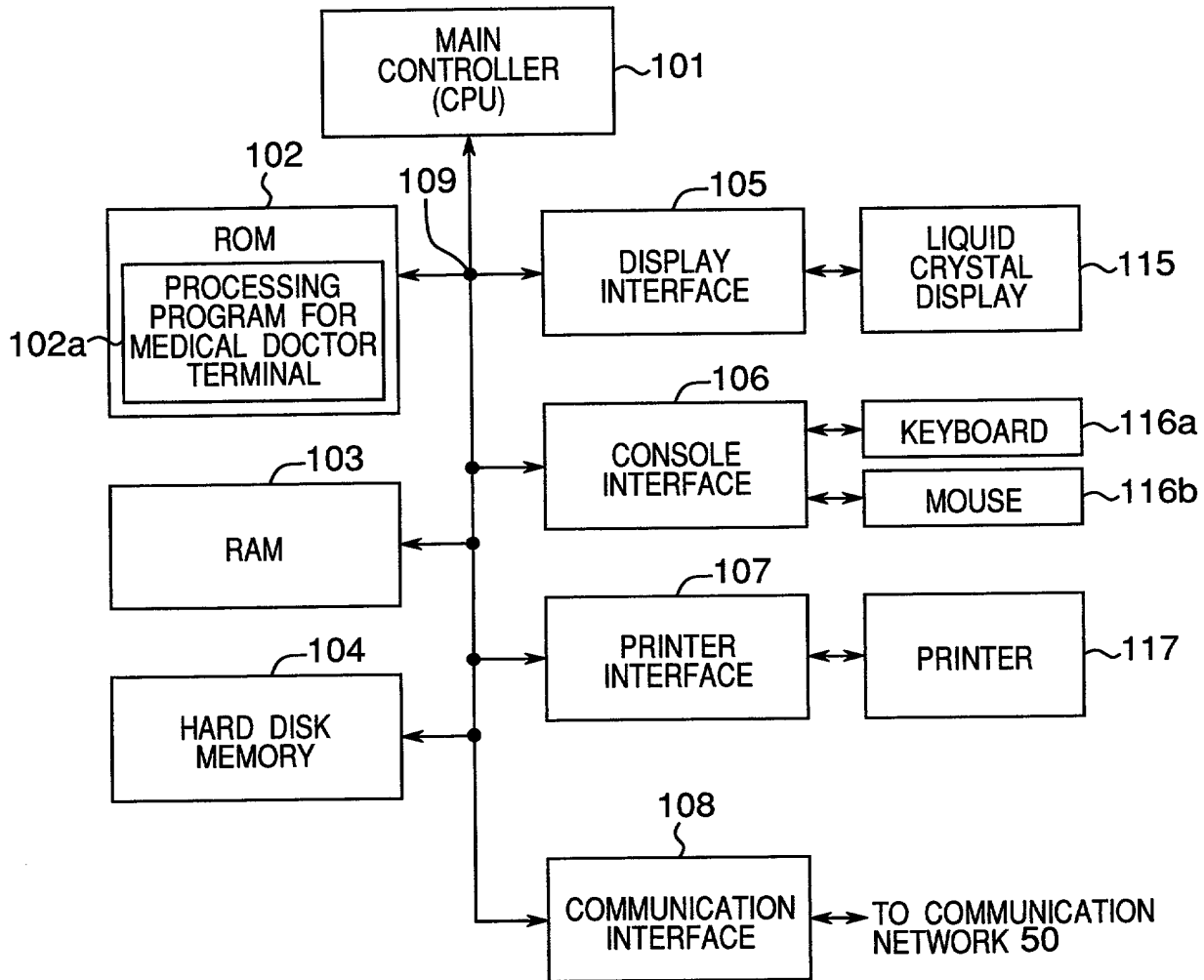
COMMUNICATION SYSTEM 1 FOR INFORMATION OF  
MEDICAL DOCTOR'S QUESTIONS TO PATIENTS



20050909 09:49:33

**Fig.2**

TERMINAL APPARATUS 10 FOR MEDICAL DOCTOR



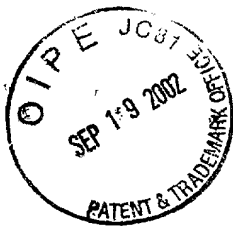
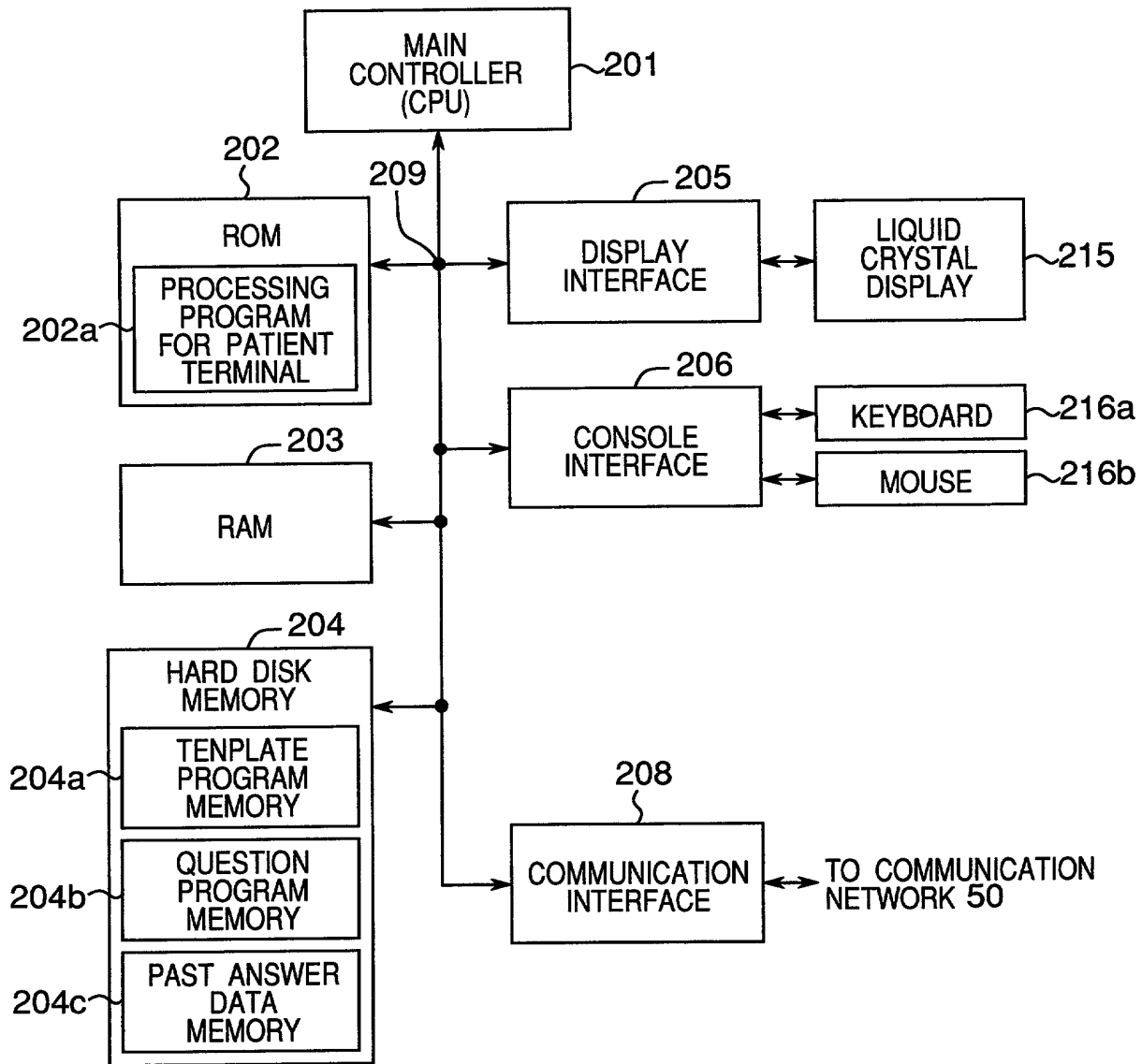


Fig.3

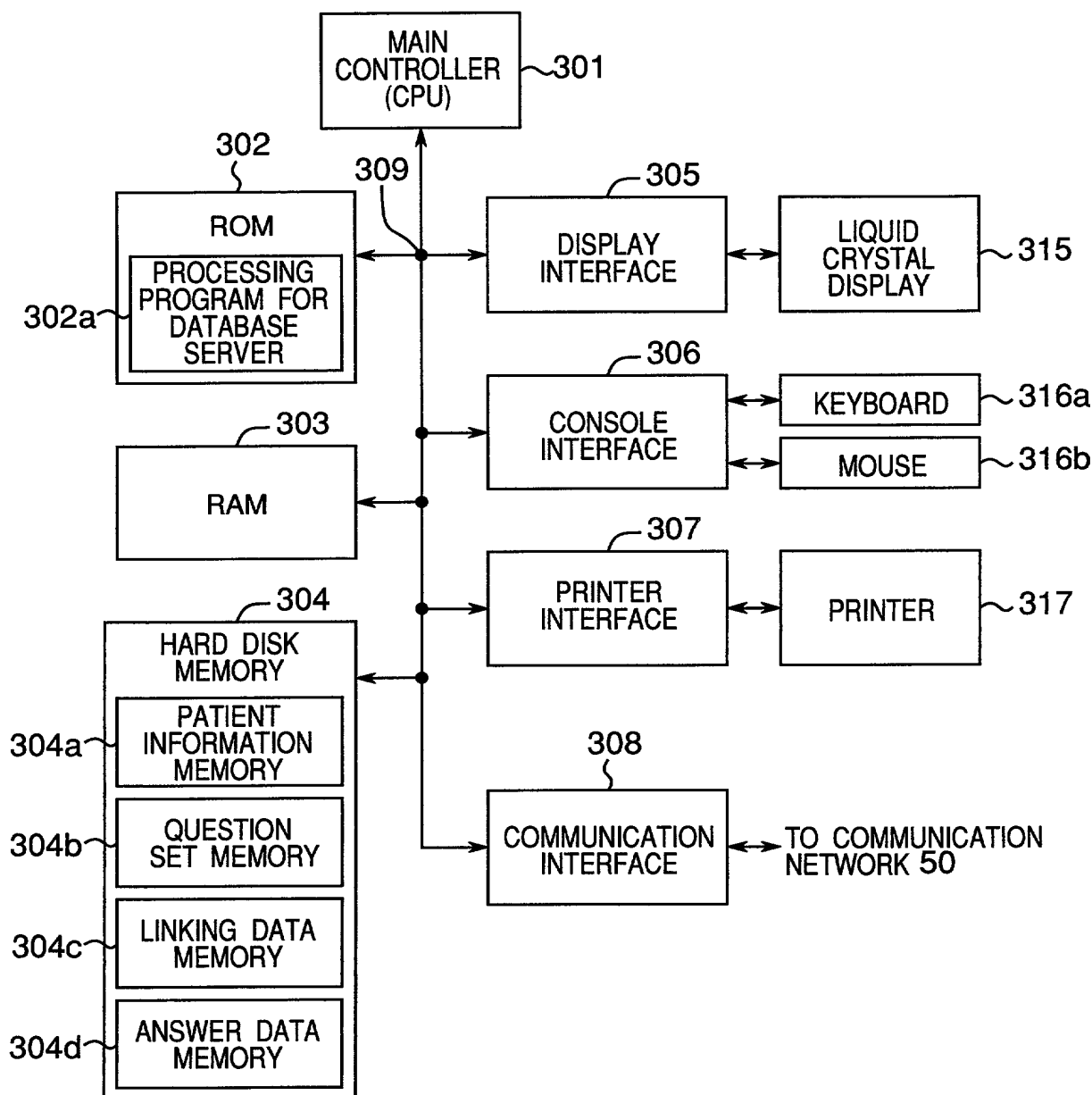
TERMINAL APPARATUS 20 FOR PATIENT



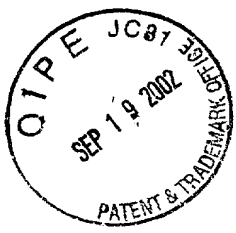
2007-09-19 14:28:00

**Fig.4**

**DATABASE SERVER APPARATUS 30**



2005T50"2E2500T



*Fig.5*

NAME	Taro
DATE OF BIRTH	1960/11/25
SEX	MAN
REMEDY POLICY 1	GIVE HEADACHE MEDICINE
REMEDY POLICY 2	GIVE ANTIFEBRILE

PATIENT INFORMATION MEMORY 304a

*Fig.6*

ANSWER FORM	SINGLE SELECTION TYPE
QUESTION SENTENCE	DO YOU HAVE HEADACHE ?
SELECTION SENTENCE 1	YES
SELECTION SENTENCE 2	NO

QUESTION SET MEMORY 304b

2006T60"EE295001



**Fig.7**

QUESTIONS	PATIENTS			
	No.1	No.2	No.3	-----
No.1	<input type="radio"/>	<input type="radio"/>		-----
GOAL				
No.2	<input type="radio"/>			
GOAL	YES			
No.3			<input type="radio"/>	
GOAL				
⋮		⋮		⋮

LINKING DATA MEMORY 304c

**Fig.8**

DATE AND TIME OF ANSWER	PATIENT No.	ANSWER No.	GOAL	ANSWER
2001/12/03,12:00	1	1		2 : NO
2001/12/03,12:00	1	2	YES	1 : YES
2001/12/03,13:00	2	1		1 : YES
2001/12/03,14:00	3	3		2 : SLEPT

ANSWER DATA MEMORY 304d

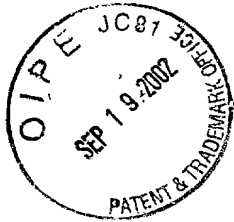
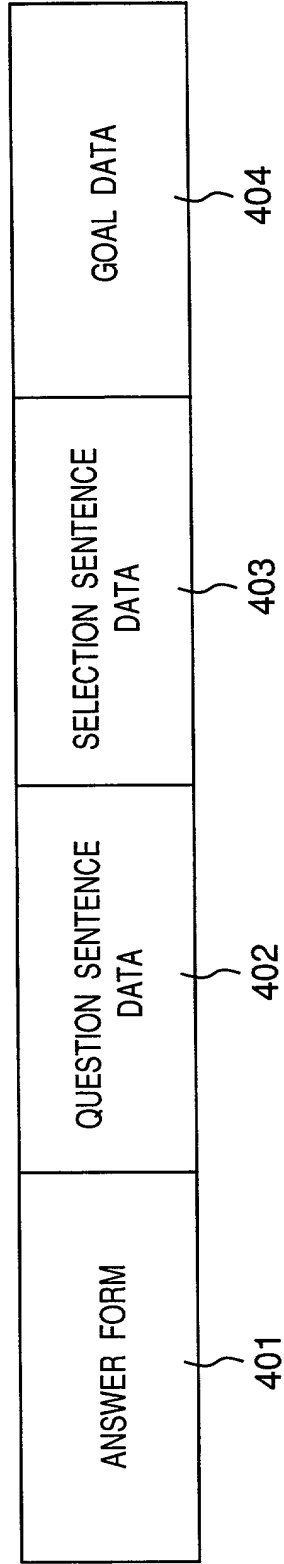


Fig.9

DATA FORMAT OF QUESTION SET



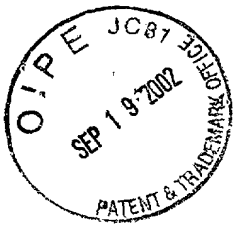
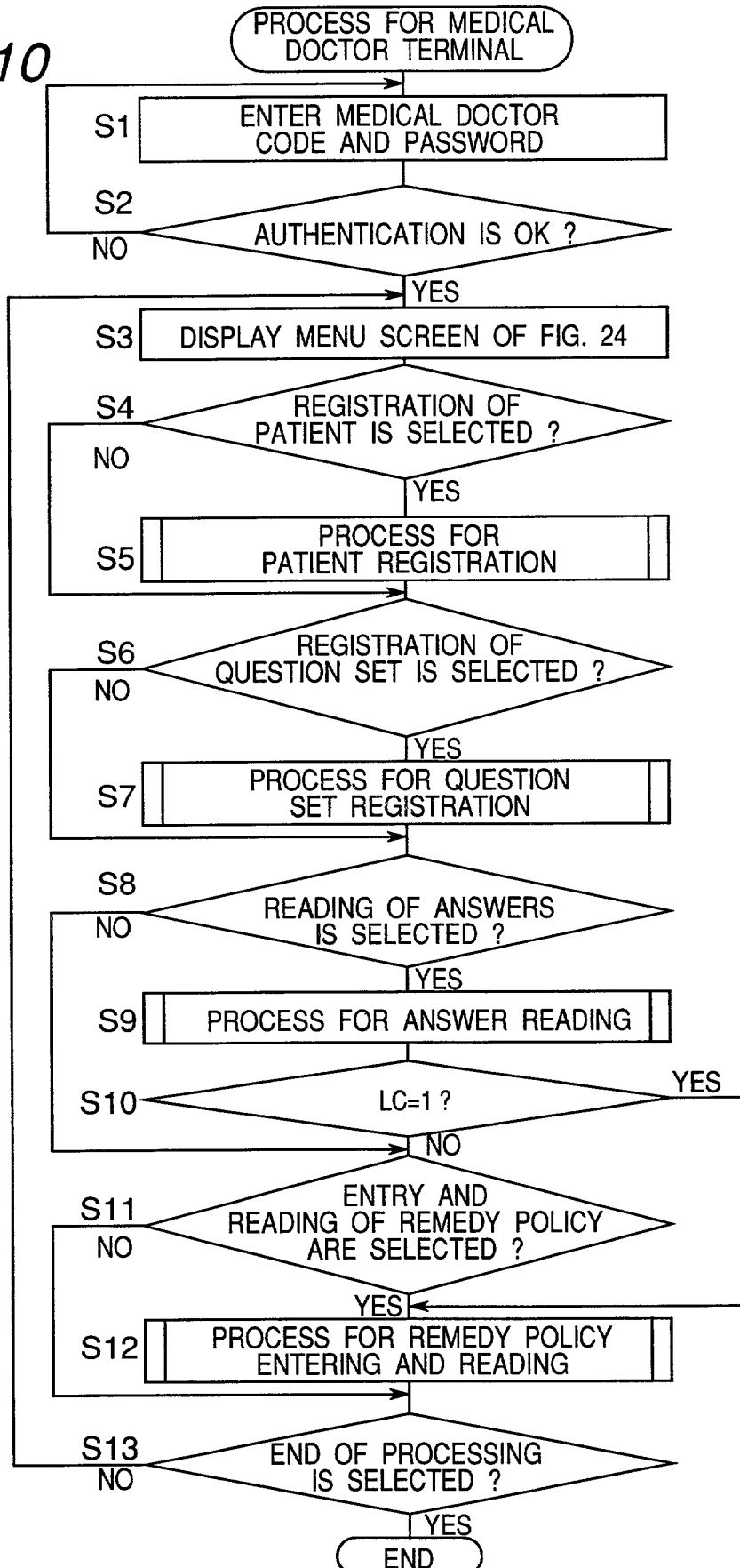


Fig.10



2006T60"2E2330T



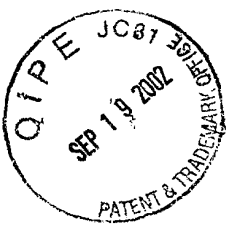
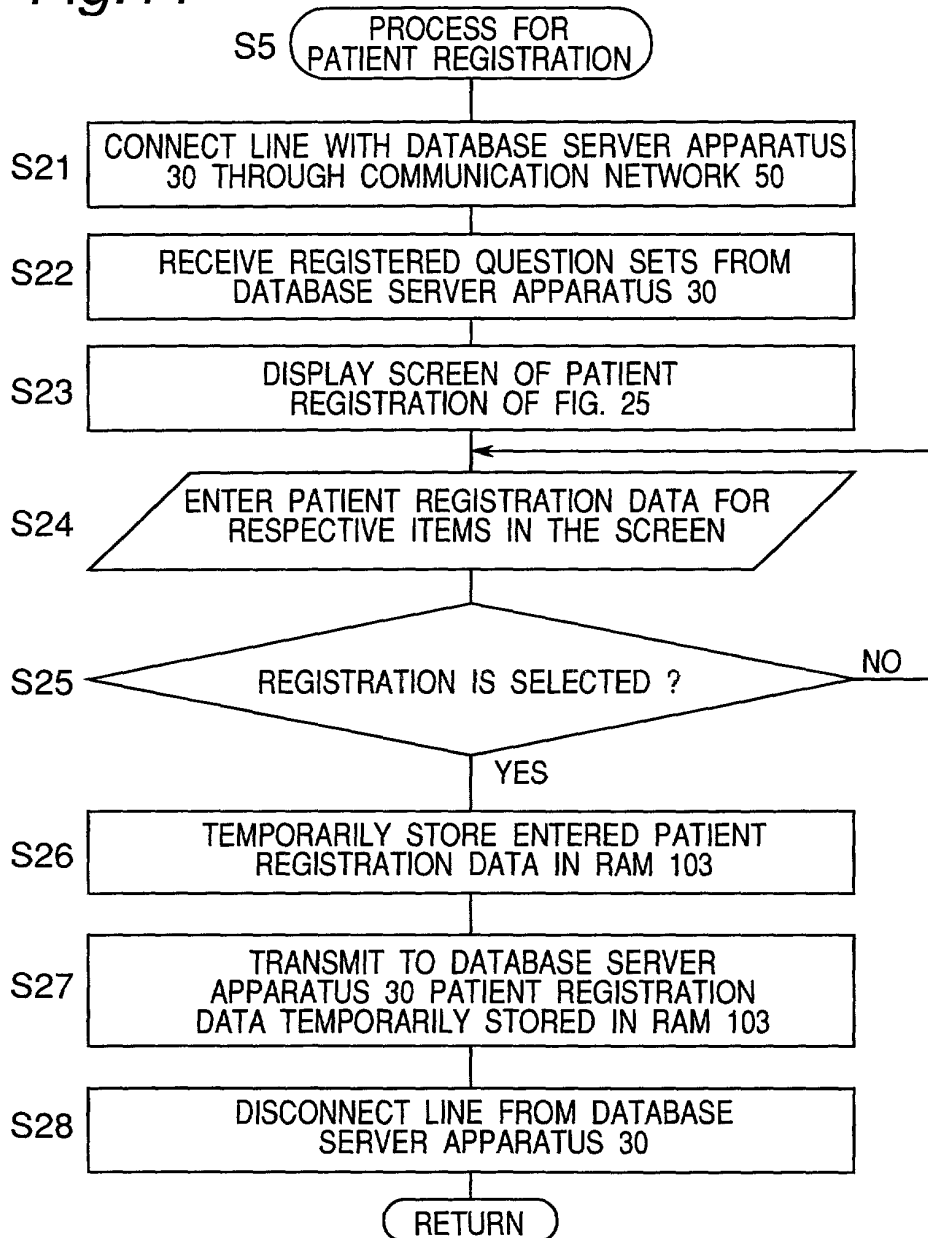


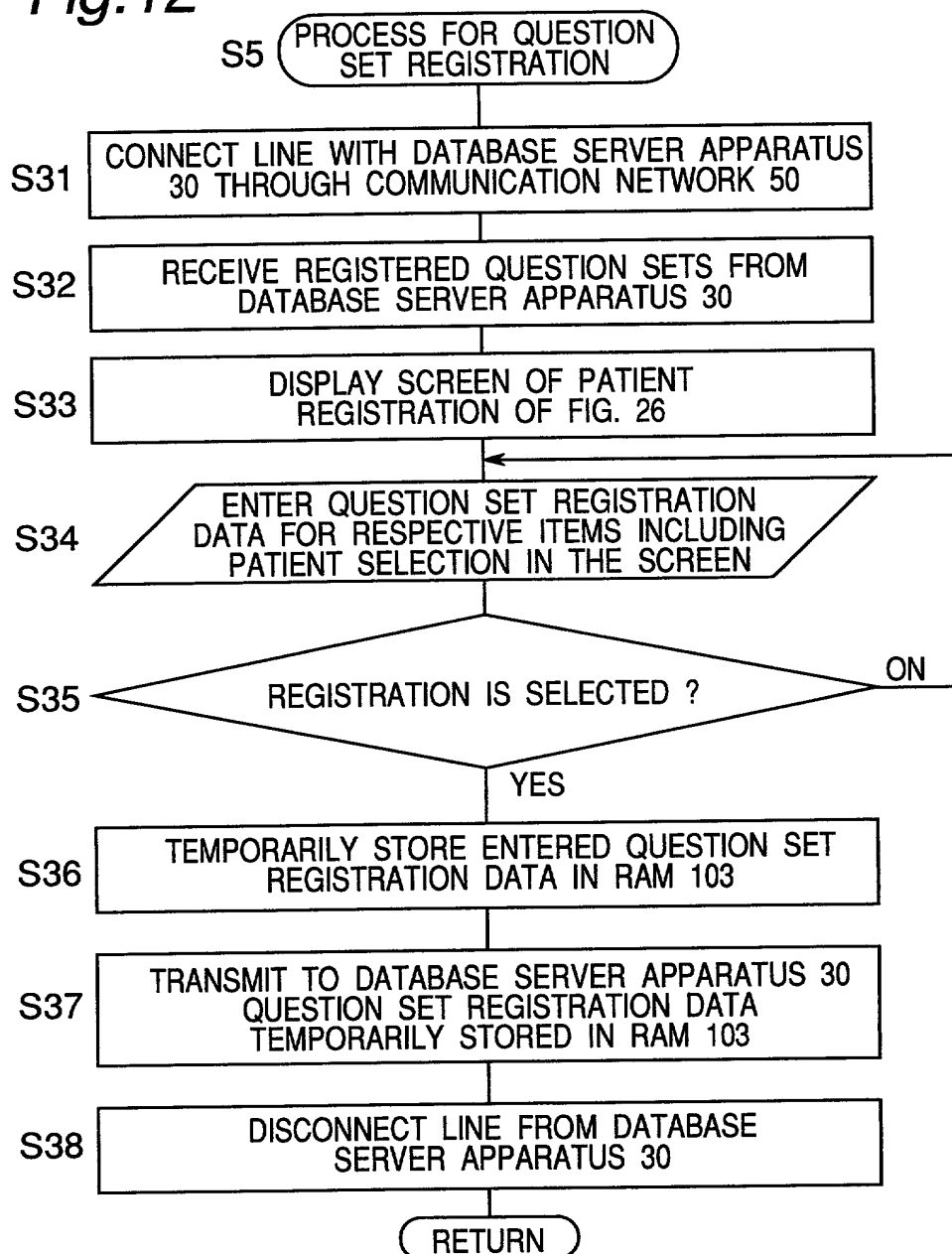
Fig.11



2006T60" 2E28900T



Fig.12



2006T60" 22485001

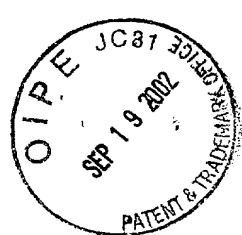
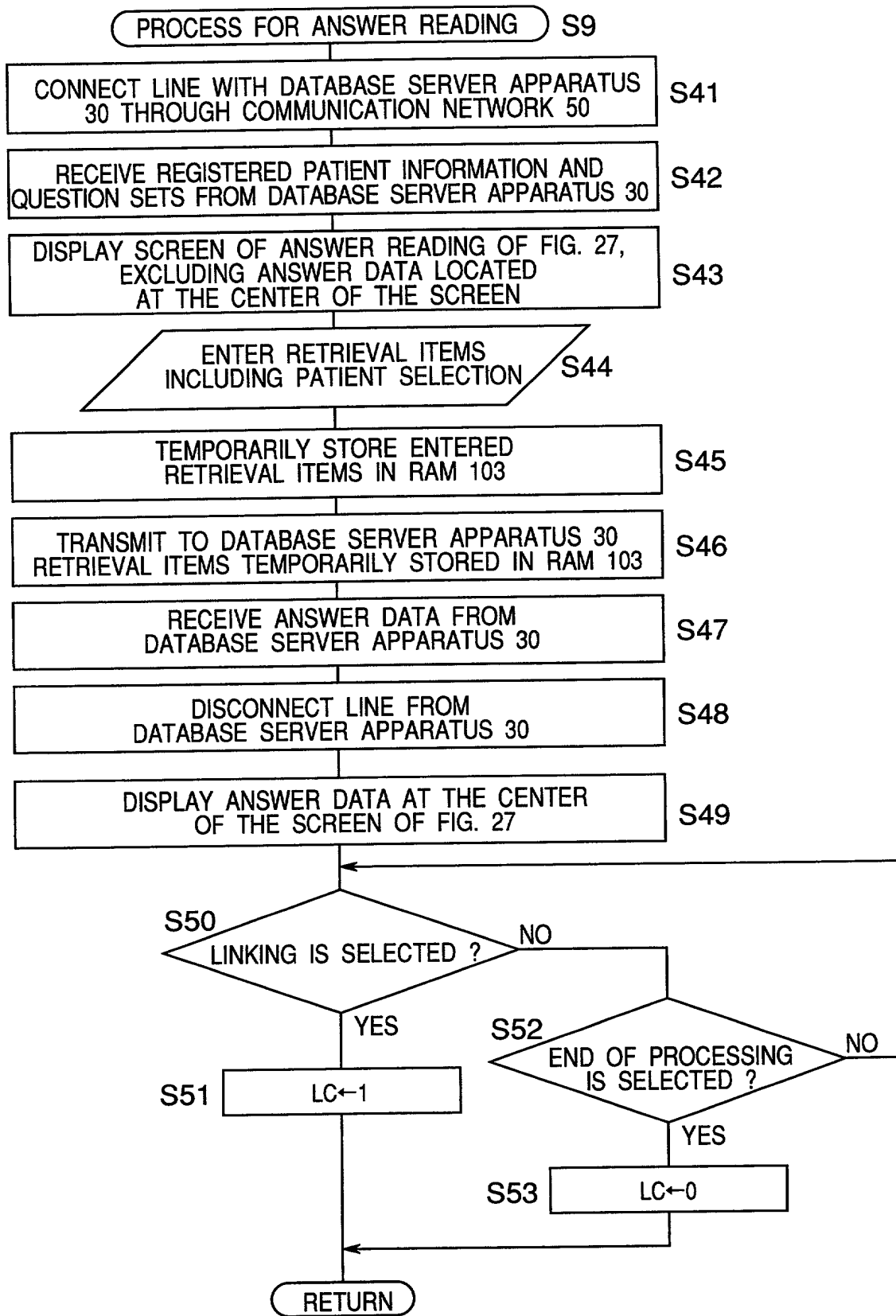


Fig. 13

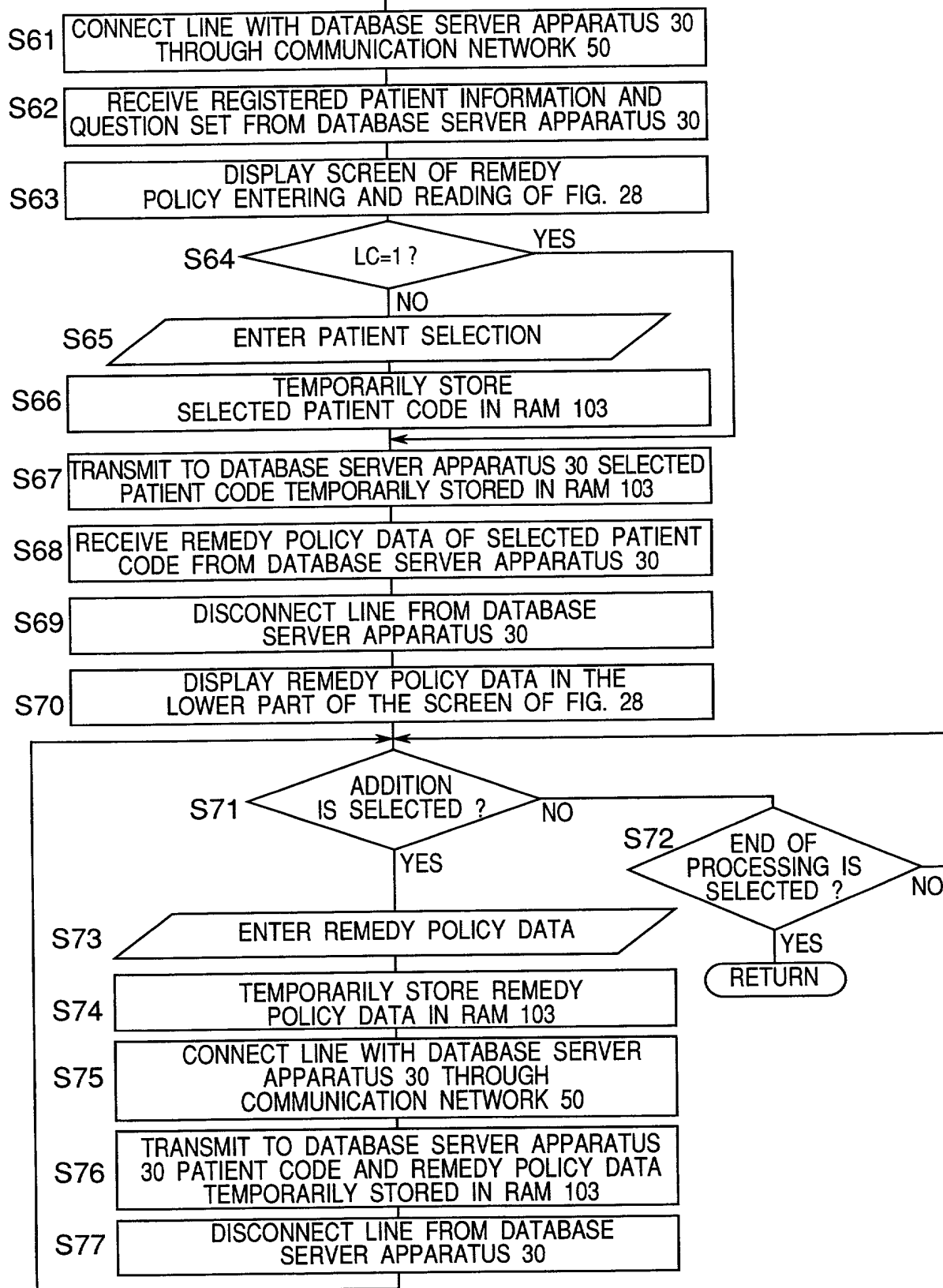


2006760" 091900T

Fig. 14

S12

PROCESS FOR REMEDY POLICY  
ENTERING AND READING



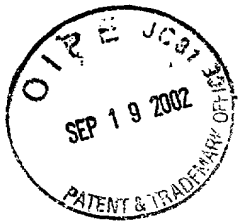
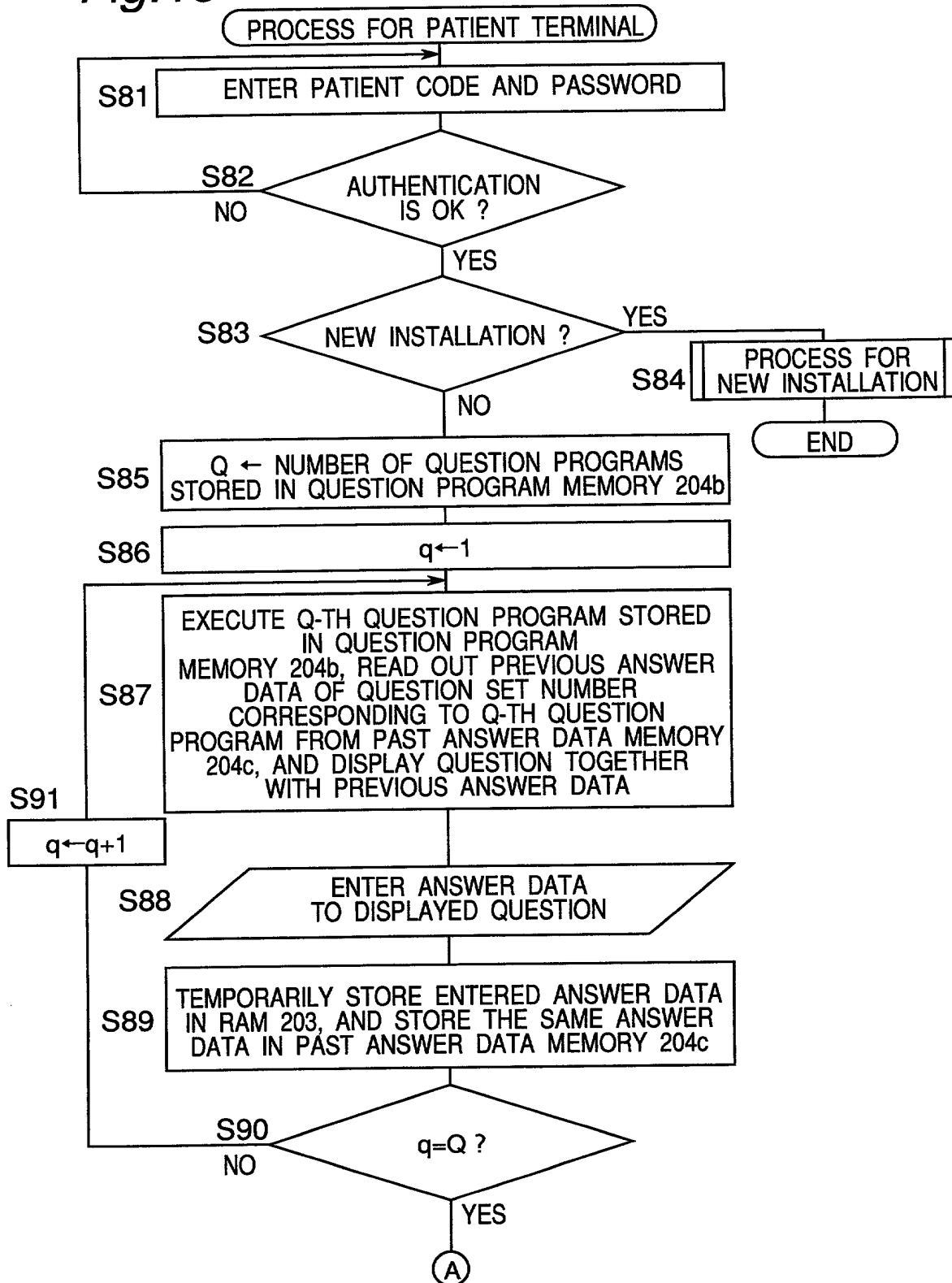


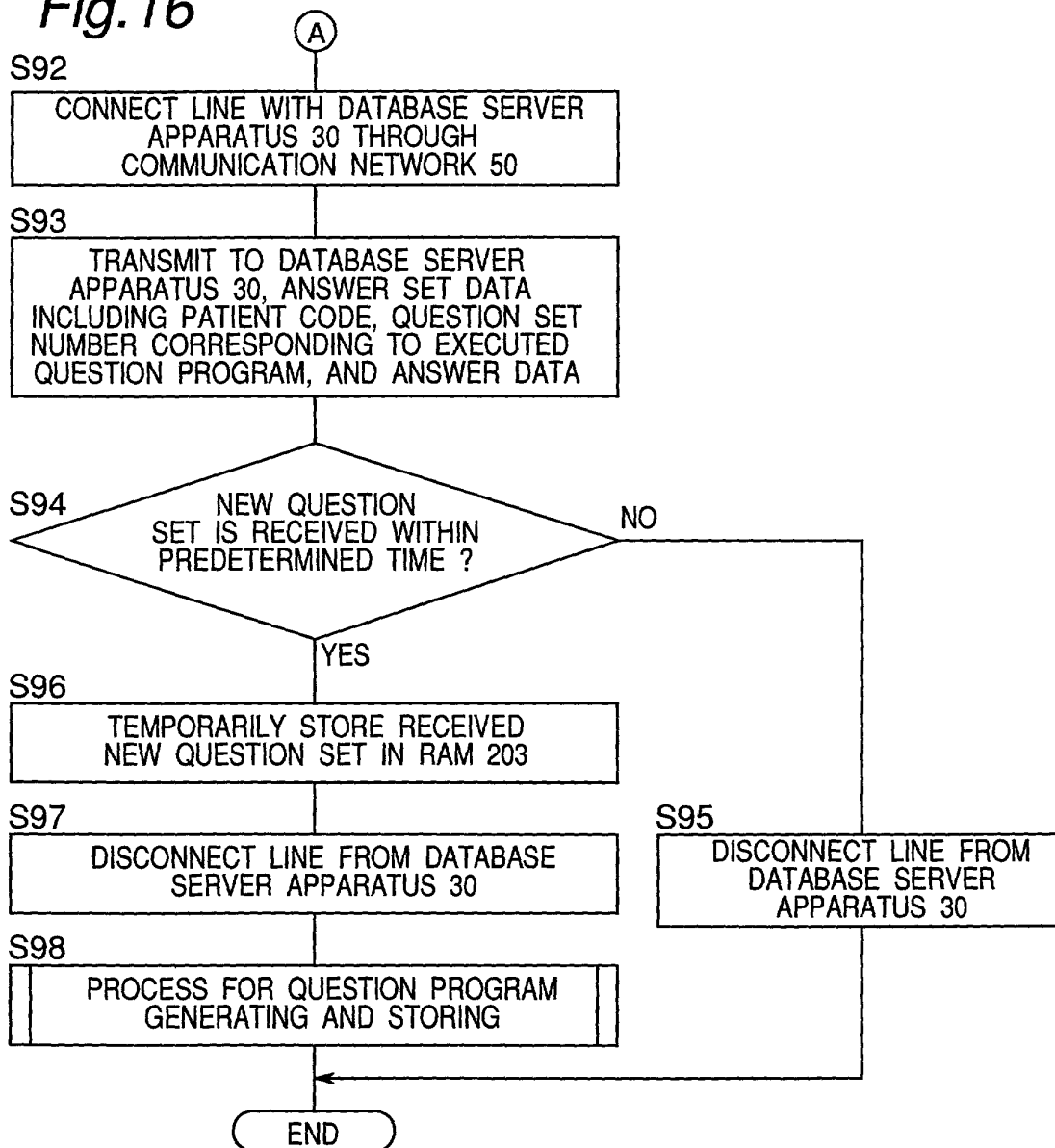
Fig. 15



10058733.091902  
200760"22285001



Fig.16



20060922 091902

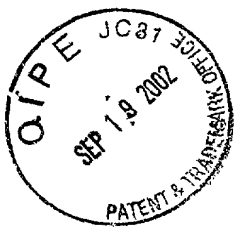
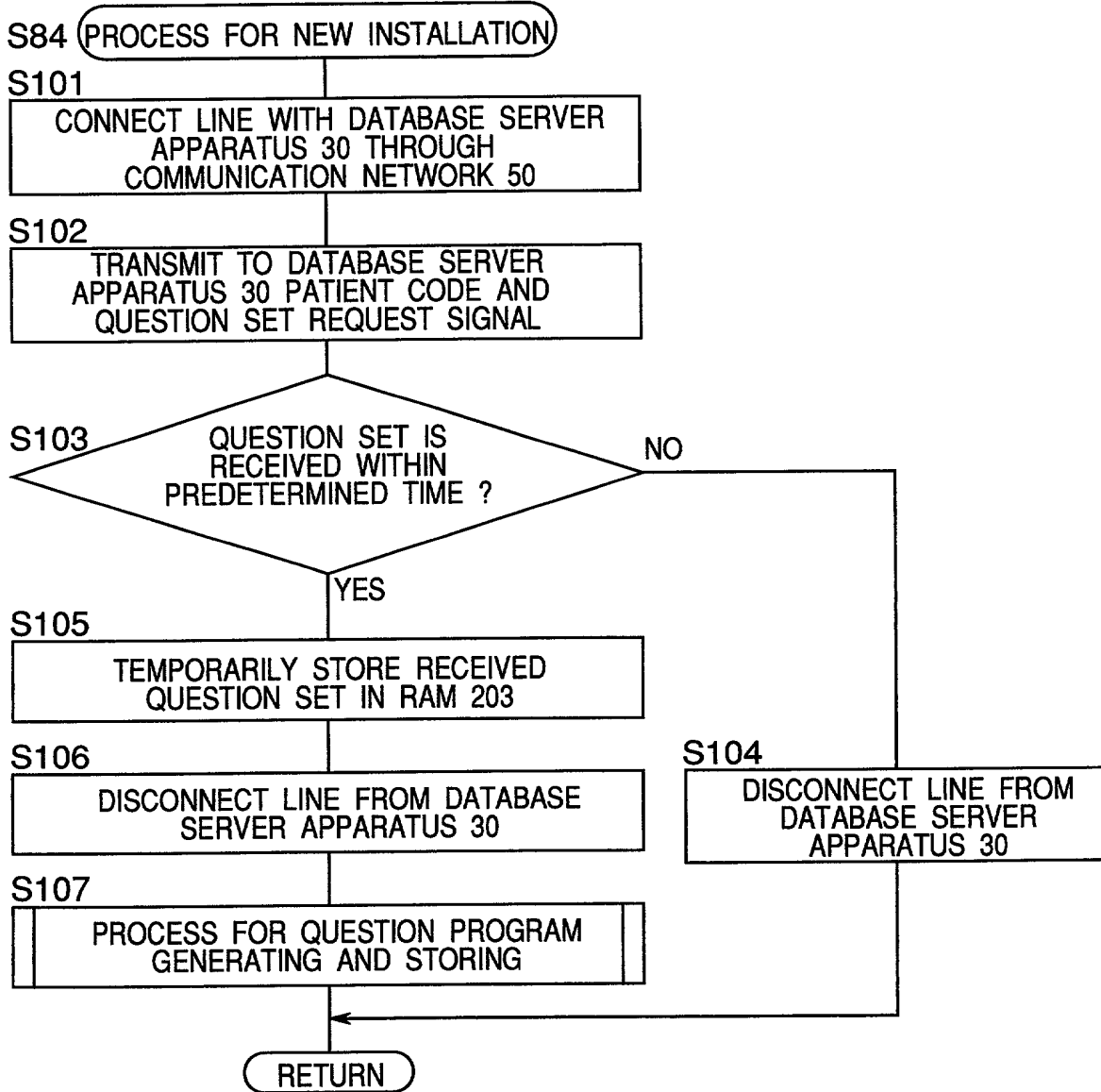


Fig.17



2006T60" 0919001

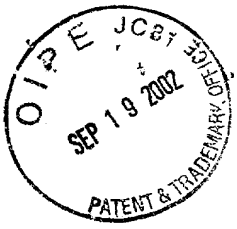
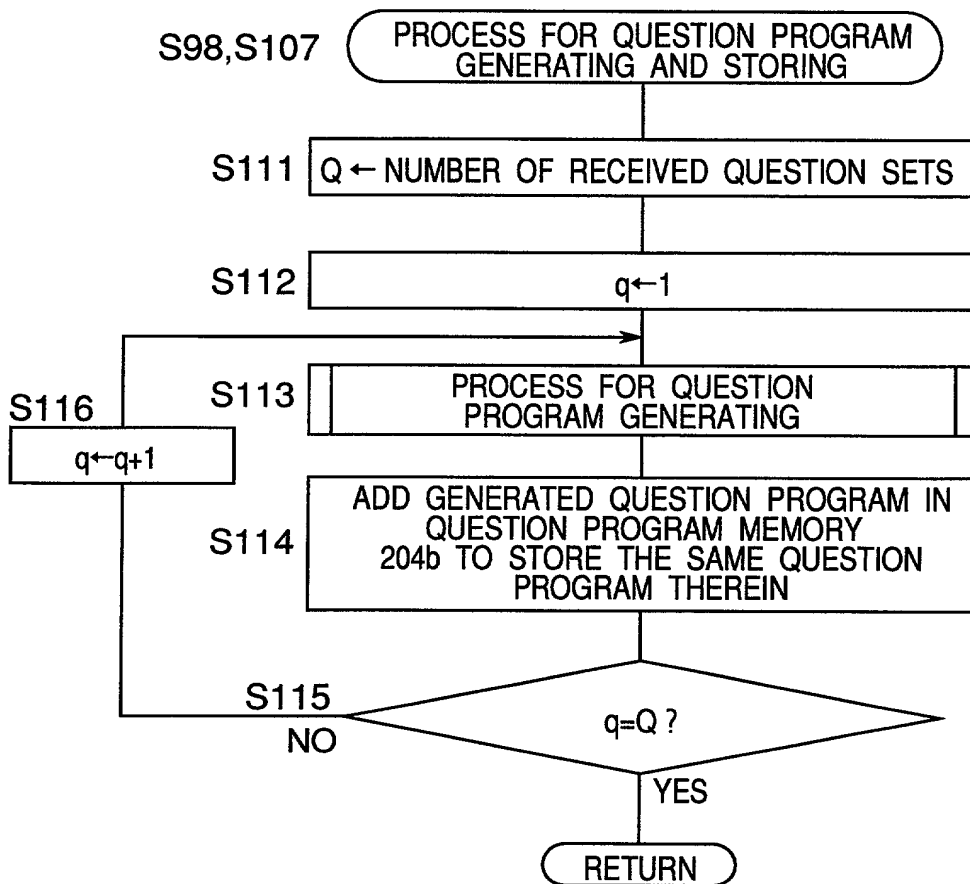


Fig. 18



2006T69" 225500F

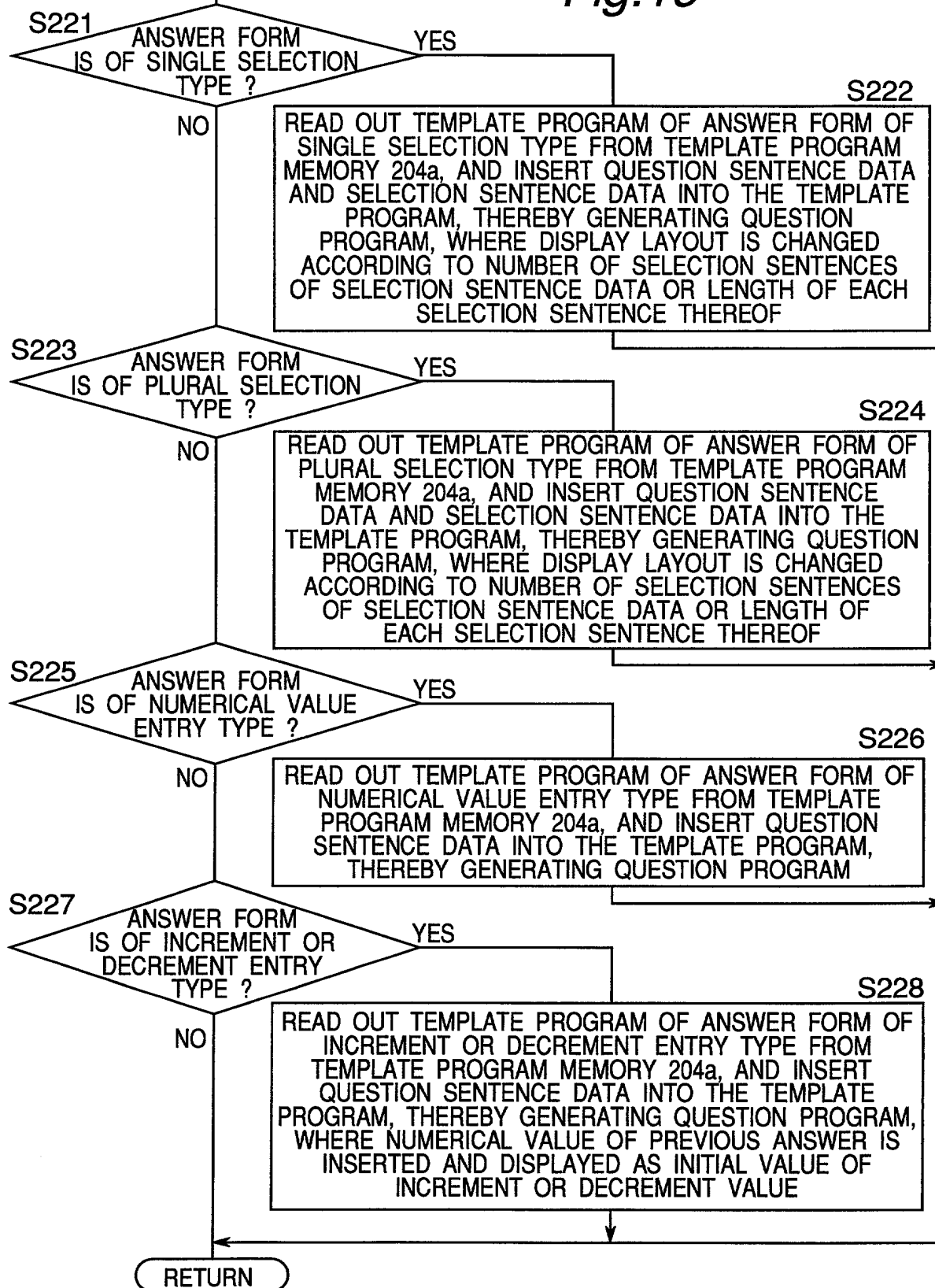




5113

PROCESS FOR QUESTION  
PROGRAM GENERATING

Fig. 19



1005873-09100T

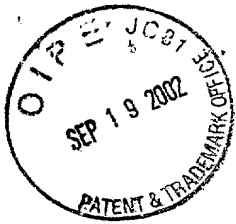
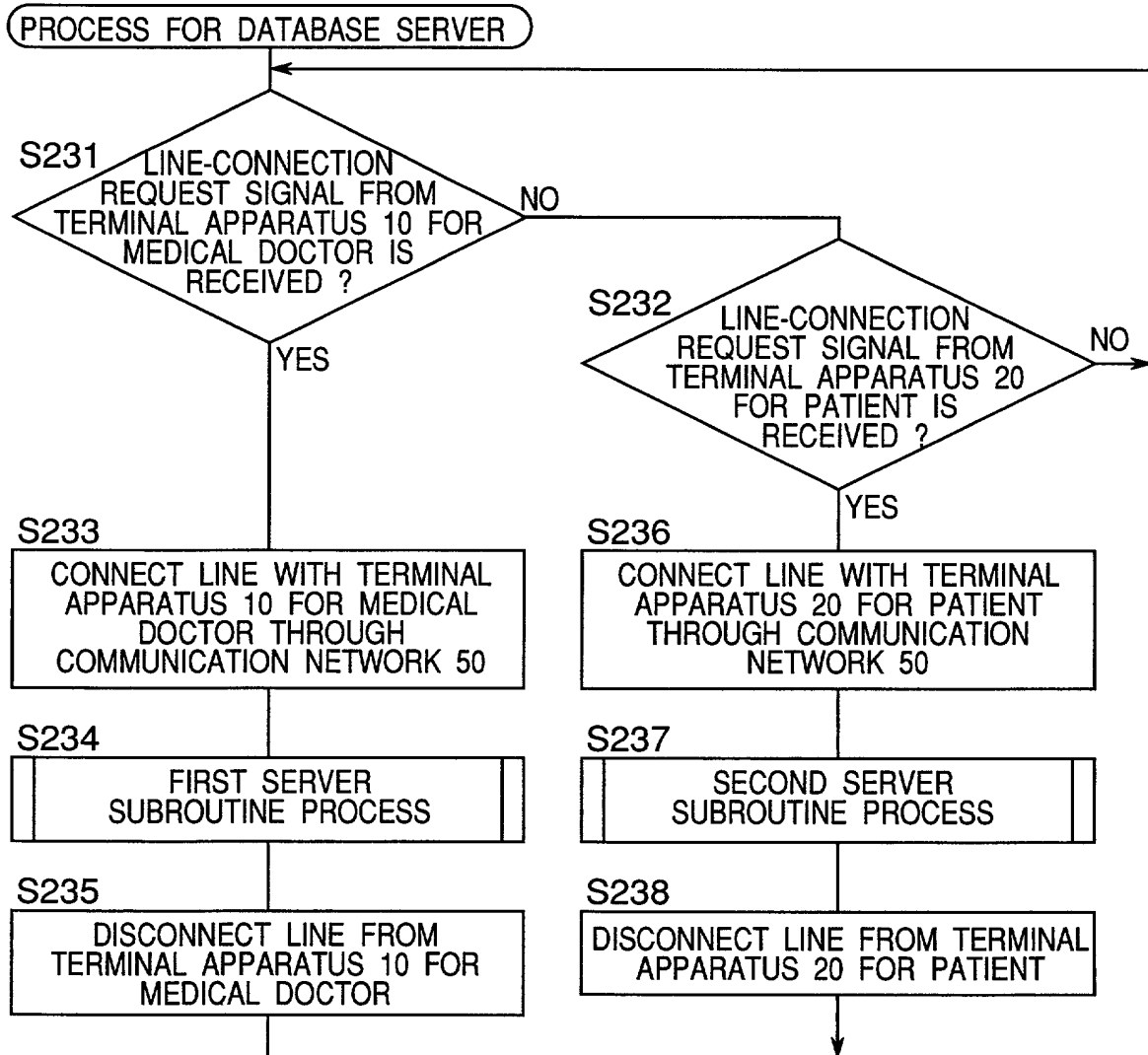


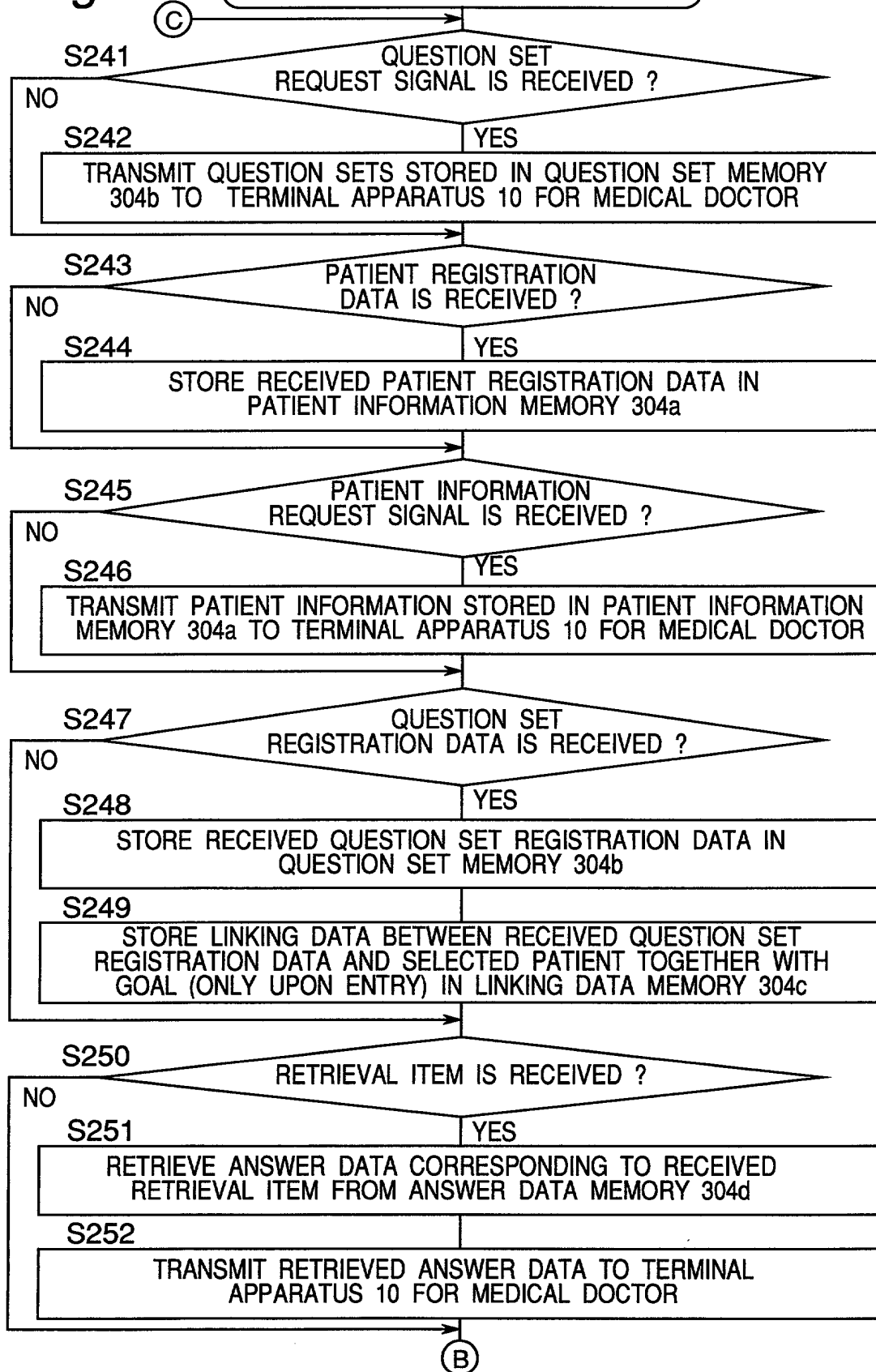
Fig.20



2005T69 222300T

Fig.21

FIRST SERVER SUBROUTINE PROCESS



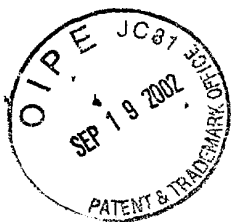
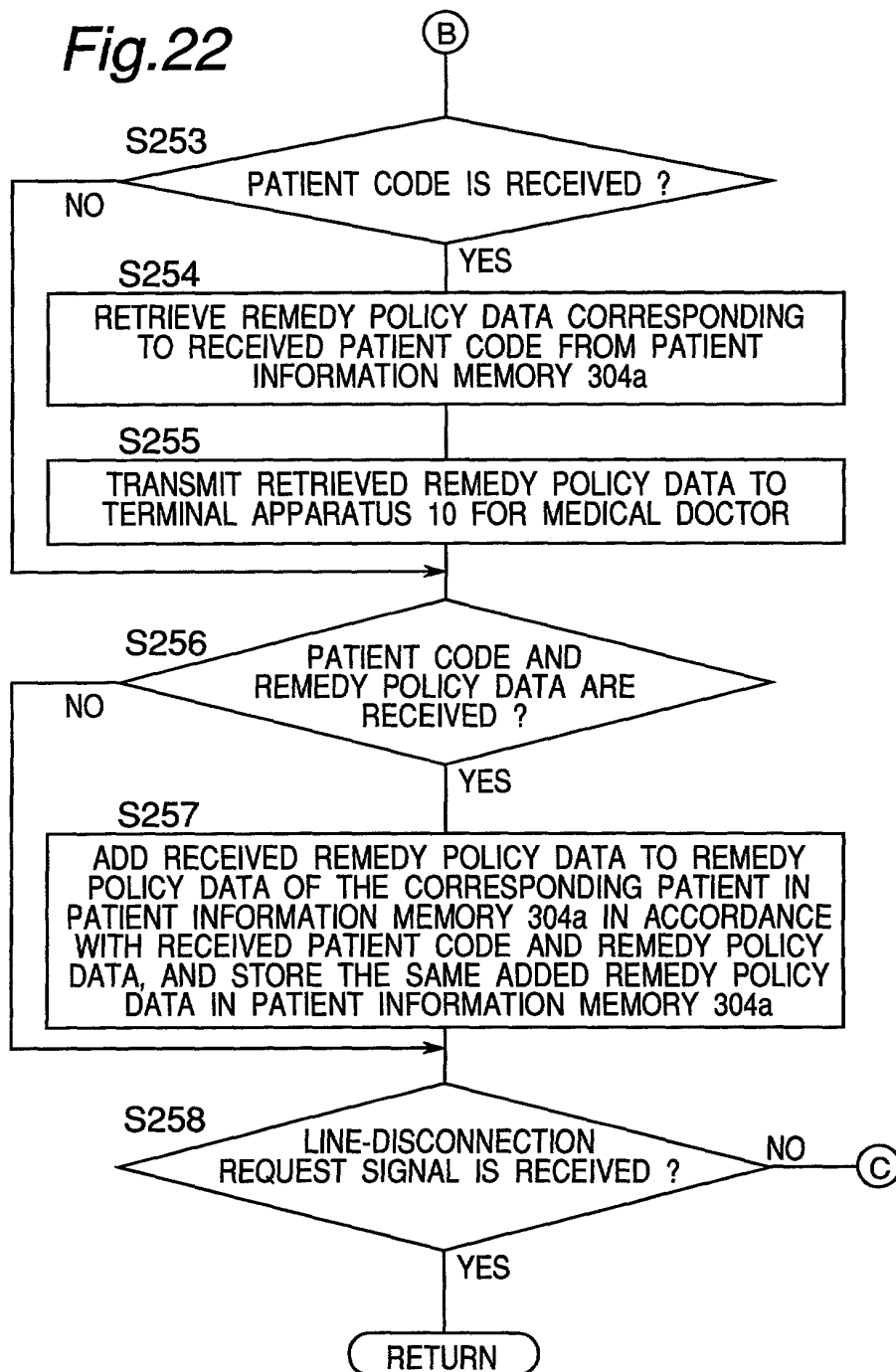


Fig.22



20050733.091900

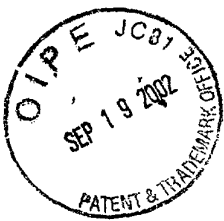
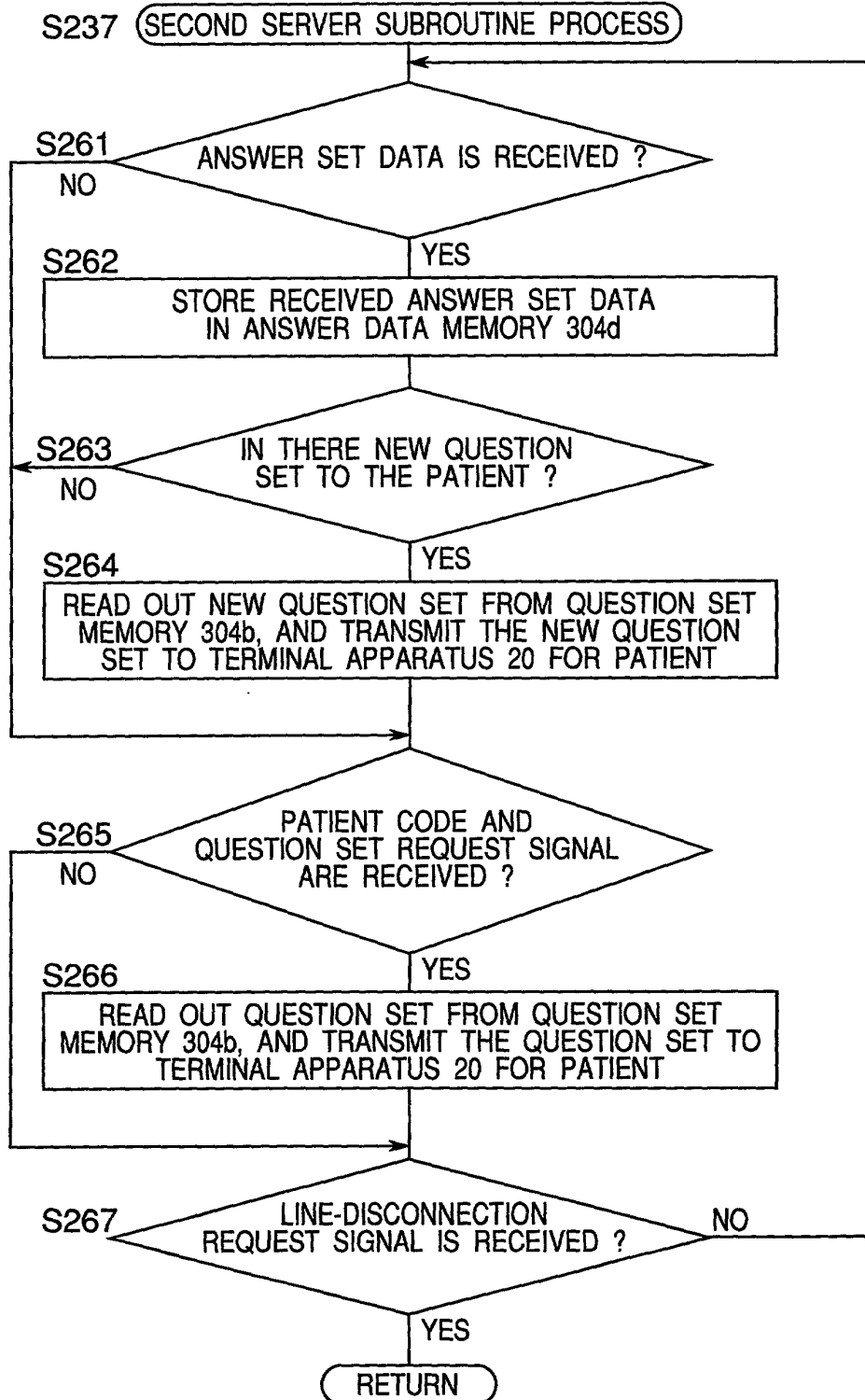


Fig.23

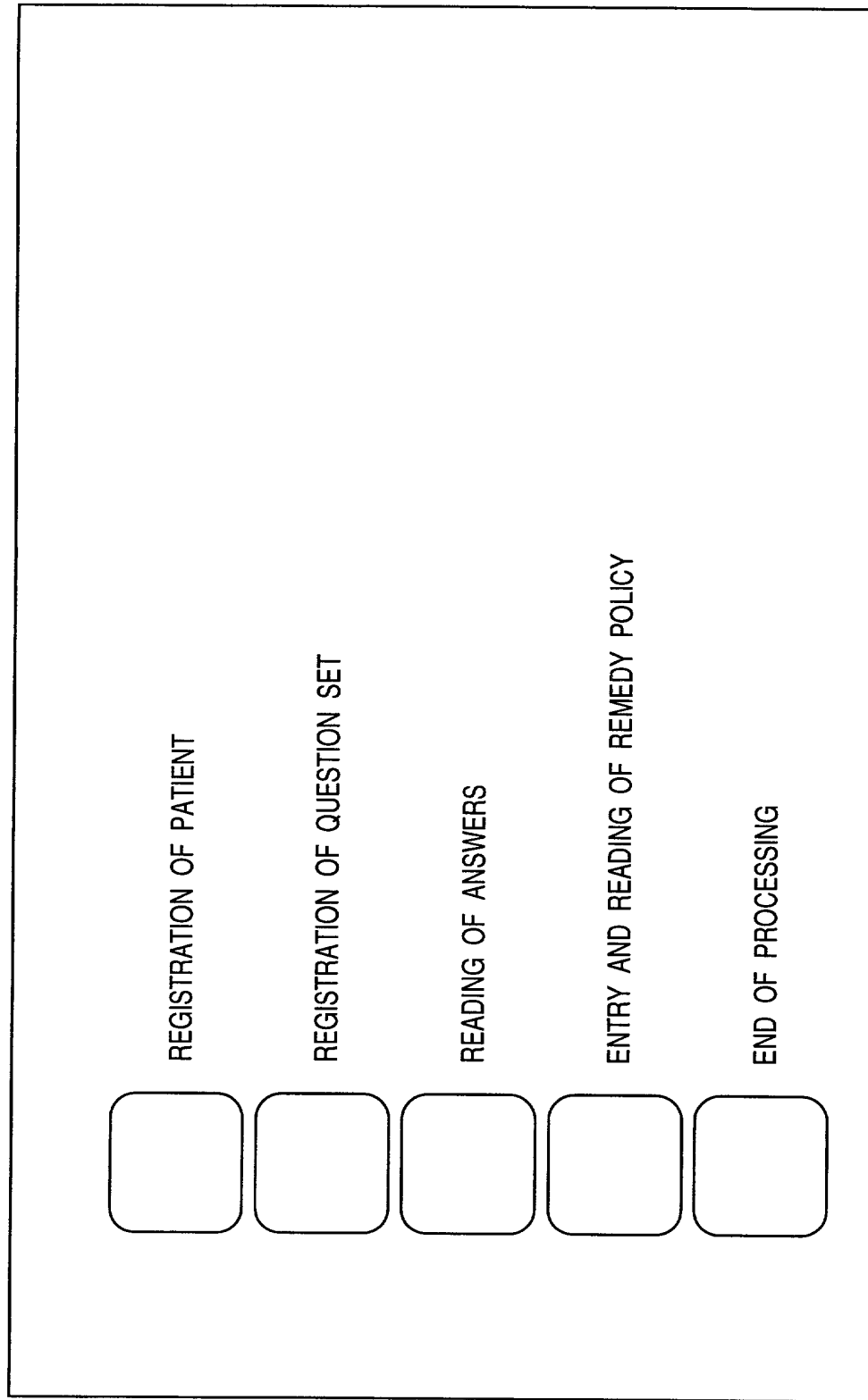


105323090T



Fig.24

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 10 FOR MEDICAL DOCTOR: MENU SCREEN



206T60" EE 28500T

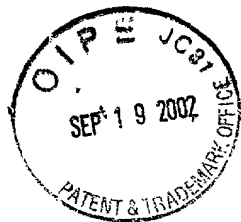


Fig.25

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 10 FOR MEDICAL DOCTOR : SCREEN OF PATIENT REGISTRATION

PATIENT No.	XXXXX	NAME	
DATE OF BIRTH		SEX	

	REQUIRED	GOAL	QUESTION	
No.1	<input type="radio"/>		DO YOU HAVE HEADACHE ?	
No.2	<input type="radio"/>	YES	DID YOU DO EXERCISE FOR 30 MINUTES OR MORE ?	
No.3	<input type="radio"/>		DID YOU SLEEP WELL LAST NIGHT ?	
No.4	<input type="radio"/>	LESS THAN 1	DID YOU DRINK BEER ?	
No.5	<input type="radio"/>		WHICH TIME PERIOD DID YOU FEEL BADLY ?	
No.6	<input type="radio"/>	ALL	WHICH FOOD DID YOU EAT TODAY ?	
No.7			PLEASE ENTER PEAK FLOW VALUE	
No.8	<input type="radio"/>	10000 OR MORE	PLEASE ENTER NUMBER OF STEPS	
No.9			HOW MANY TIMES DID YOU URINATE TODAY ?	
No.10			HOW MANY CIGARETTES DID YOU SMOKE ?	

REGISTRATION



Fig.26

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 10 FOR MEDICAL DOCTOR : SCREEN OF QUESTION SET REGISTRATION

QUESTION No.	YY	ANSWER FORM	SINGLE SELECTION TYPE	PLURAL SELECTION TYPE	NUMERICAL ENTRY VALUE	INCREMENT OR DECREMENT VALUE ENTRY TYPE
QUESTION SENTENCE						
1						
2						
3						
4						
SELECTION SENTENCE						
PATIENT SELECTION						
		<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX
		<input type="radio"/> XXX	<input checked="" type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX
		<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX
REGISTRATION						



EXAMPLE OF SCREEN OF TERMINAL APPARATUS 10 FOR MEDICAL DOCTOR: SCREEN OF ANSWER READING

PATIENT SELECTION		251	
DATE AND TIME	LINKING	GOAL	QUESTION
2001/12/03, 12:00	(REMEDY)		DO YOU HAVE HEADACHE ?
2001/12/03, 12:00	(REMEDY)	YES	DID YOU DO EXERCISE FOR 30 MINUTES OR MORE ?
2001/12/03, 12:00	(REMEDY)		DID YOU SLEEP WELL LAST NIGHT ?
2001/12/03, 12:00	(REMEDY)	LESS THAN 1	DID YOU DRINK BEER ?
2001/12/03, 12:00	(REMEDY)		WHICH TIME PERIOD DID YOU FEEL BADLY ?
2001/12/03, 12:00	(REMEDY)	ALL	WHICH FOOD DID YOU EAT TODAY ?
2001/12/03, 12:00	(REMEDY)	10000 OR MORE	PLEASE ENTER NUMBER OF STEPS
2001/12/03, 12:00	(REMEDY)		DO YOU HAVE HEADACHE ?
2001/12/03, 12:00	(REMEDY)	YES	DID YOU DO EXERCISE FOR 30 MINUTES OR MORE ?
2001/12/03, 12:00	(REMEDY)		DID YOU SLEEP WELL LAST NIGHT ?

☐ XXX    ☐ XXX    ☐ XXX  
☐ XXX    ☒ XXX    ☐ XXX  
☐ XXX    ☐ XXX    ☐ XXX

☐ XXX    ☐ XXX  
☐ XXX    ☐ XXX  
☐ XXX    ☐ XXX

☐ XXX    ☐ XXX    ☐ XXX  
☐ XXX    ☒ XXX    ☐ XXX  
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☐ XXX    ☒ XXX    ☐ XXX  
☐ XXX    ☐ XXX    ☐ XXX

☐ XXX    ☐ XXX  
☐ XXX    ☐ XXX  
☐ XXX    ☐ XXX

☐ XXX    ☐ XXX    ☐ XXX  
☐ XXX    ☒ XXX    ☐ XXX  
☐ XXX    ☐ XXX    ☐ XXX

☐ XXX    ☐ XXX  
☐ XXX    ☐ XXX  
☐ XXX    ☐ XXX

☐ XXX    ☐ XXX    ☐ XXX  
☐ XXX    ☒ XXX

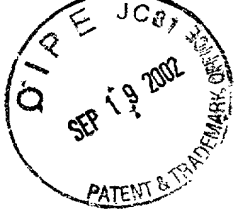


Fig.28

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 10 FOR MEDICAL DOCTOR:  
SCREEN OF REMEDY POLICY ENTRY AND READING

PATIENT SELECTION

<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	▲
<input type="radio"/> XXX	<input checked="" type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	
<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	<input type="radio"/> XXX	▼

REMEDY POLICY

252

ADDITION

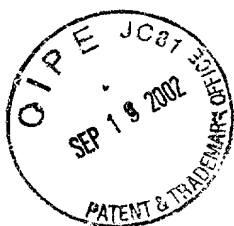
CLEAR

253

DATE AND TIME	REMEDY POLICY
2001/12/03, 10:00	GIVE ANTIFEBRILE
2001/12/03, 10:00	GIVE HEADACHE MEDICINE
▼	▲

END OF PROCESSING

254



**Fig.29**

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM SS1 OF SINGLE SELECTION TYPE (SINGLE SELECTION FROM TWO ANSWERS , WITH NO GOAL)

DO YOU HAVE HEADACHE ?

YES

224

NO

224

PREVIOUS ANSWER : NO

225

OK

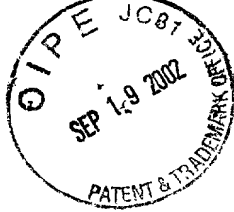


Fig.30

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM SS2 OF SINGLE SELECTION TYPE (SINGLE SELECTION FROM TWO ANSWERS , WITH GOAL )

YES

224

NO

224

PREVIOUS ANSWER : NO

GOAL : YES

225OK

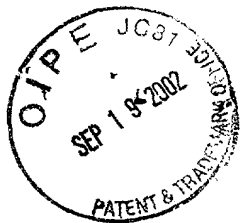


Fig.31

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM SS3 OF SINGLE SELECTION TYPE (SINGLE SELECTION FROM FOUR ANSWERS , WITH NO GOAL )

DID YOU SLEEP WELL LAST NIGHT ?

<input type="checkbox"/>	SLEPT WELL	<input type="checkbox"/>	SLEPT
<input type="checkbox"/>	SLEPT LITTLE	<input type="checkbox"/>	NOT SLEPT

PREVIOUS ANSWER : SLEPT

OK

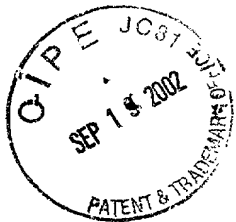


Fig.32

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM SS4 OF SINGLE SELECTION TYPE (SINGLE SELECTION FROM FOUR ANSWERS , WITH GOAL )

DID YOU DRINK BEER ?

224

LESS THAN 1

224

LESS THAN 2

224

LESS THAN 3

224

3 OR MORE

PREVIOUS ANSWER : LESS THAN 1

GOAL : LESS THAN 1

225 OK

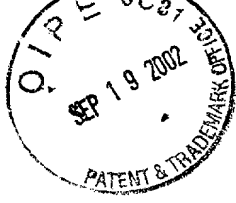


Fig.33

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM PS1 OF PLURAL SELECTION TYPE ( WITH NO GOAL )

WHICH TIME PERIOD DID YOU FEEL BADLY ?

224

0 : 00 ~ 6 : 00

224

6 : 00 ~ 12 : 00

224

12 : 00 ~ 18 : 00

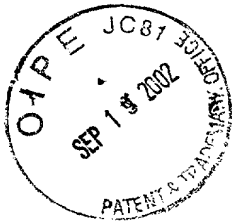
224

18 : 00 ~ 24 : 00

PREVIOUS ANSWER : 6 : 00 ~ 12 : 00, 18 : 00 ~ 24 : 00

225

OK



**Fig.34**

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM PS2 OF PLURAL SELECTION TYPE (WITH GOAL)

## WHICH FOOD DID YOU EAT TODAY ?

<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto; border-radius: 10px;"></div> <div style="text-align: center;">224 ~</div>	<div style="text-align: center;">GRAIN</div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto; border-radius: 10px;"></div> <div style="text-align: center;">224 ~</div>	<div style="text-align: center;">MEAT</div>
<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto; border-radius: 10px;"></div> <div style="text-align: center;">224 ~</div>	<div style="text-align: center;">FISH</div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto; border-radius: 10px;"></div> <div style="text-align: center;">224 ~</div>	<div style="text-align: center;">DAIRY PRODUCTS</div>
<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto; border-radius: 10px;"></div> <div style="text-align: center;">224 ~</div>	<div style="text-align: center;">VEGETABLES</div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto; border-radius: 10px;"></div> <div style="text-align: center;">224 ~</div>	<div style="text-align: center;">FRUITS</div>

PREVIOUS ANSWER : GRAIN, MEAT, VEGETABLES, FRUITS

GOAL : ALL

225 ~

OK



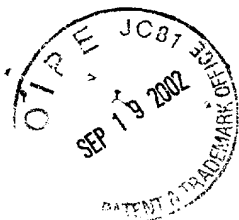


Fig.35

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM N11 OF NUMERICAL VALUE ENTRY TYPE (WITH NO GOAL)

PLEASE ENTER PEAK FLOW VALUE

221

7

8

9

6

5

4

3

2

1

0

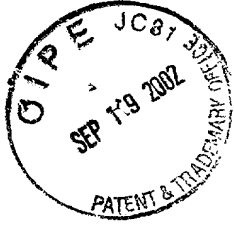
Clear

222

PREVIOUS ANSWER : 650

223

OK



**Fig.36**

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM N12 OF NUMERICAL VALUE ENTRY TYPE ( WITH GOAL )

PLEASE ENTER NUMBER OF STEPS

221

222

7	8	9
6	5	4
3	2	1
0	Clear	

PREVIOUS ANSWER : 7630

GOAL : 10000 OR MORE

223

OK



Fig.37

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM 111 OF INCREMENT OR DECREMENT ENTRY TYPE (WITH NO GOAL)

HOW MANY TIMES DID YOU URINATE TODAY ?

232

6

231

233

234

OK

PREVIOUS ANSWER : 6

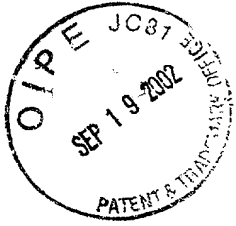


Fig.38

EXAMPLE OF SCREEN OF TERMINAL APPARATUS 20 FOR PATIENT :  
ANSWER FORM 112 OF INCREMENT OR DECREMENT ENTRY TYPE (WITH GOAL)

HOW MANY CIGARETTES DID YOU SMOKE ?

25

232

231

233

PREVIOUS ANSWER : 25

GOAL : LESS THAN 10

234

OK